

PATENT COOPERATION TREATY

PCT

engel
Apr. 26, 2005
RECEIVEDINTERNATIONAL SEARCH REPORT
(Article 18 and Rules 43 and 44 of the PCT)

Reference symbol of Applicant or Attorney 0344/04/PCT	FURTHER ACTION see report regarding the transmission of International Search Report (Form PCT/ISA?220) and, as applicable, the following Item 5	
International Reference Symbol PCT/EP2004/009729	International Application Date September 1, 2004	(Earliest) Priority Date September 3, 2004
Applicant TECHNISCHE UNIVERSITAET ILMENAU		

This International Search Report was produced by the International Search Authority, and is transmitted to the Applicant per Article 18. A copy will be transmitted to the International Agency.

This International Search Report consists of 5 pages.

☒ Moreover, it includes one copy each of any documents named in the report regarding the state of the art.

1. **Reason for the report**

- a. Regarding the language, the international search based on the international application is performed in the language in which it was submitted, unless otherwise specified under this Item.

☐ The international search was performed based on a translation of the international application (Rule 23.1 b) submitted to the Agency.

- b. Regarding the **Nucleotide** and/or **Amino Acid Sequence** revealed in the international application, see Field No. 1.

☐ is contained in the international application in written form.

☐ was submitted together with the international application in computer-readable form.

2. **Certain claims have turned out to be non-searchable (see Field II).**

3. **Insufficient uniformity of the invention (see Field III).**

4. **Regarding the description of the invention**

☒ THE WORDING SUBMITTED BY THE APPLICANT WAS APPROVED.

☐ The wording was established by the Agency as follows:

5. **Regarding the Abstract**

☒ THE WORDING SUBMITTED BY THE APPLICANT WAS APPROVED.

☐ The wording was established in Field III by the Agency per Rule 38.2b) in the version submitted. The applicant may present a position to the Agency within one month after the date of submission of this International Search Report.

6. **Regarding the Figures**

a. Following representation of the Illustrations is to be published with the **Abstract: Figure**
1

- X AS RECOMMENDED BY THE APPLICANT
- ☐ Because the Applicant did not submit Illustrations.
- ☐ Because this Illustration better represents the invention.

b. none of the Illustrations will be published with the Abstract.

A. CLASSIFICATION OF THE SUBJECT OF THE APPLICATION IPK 7 H01L51/40 H01L51/20 Per the International Patent Classification (IPK) or per national classification and the IPK		
B. REALM OF SEARCH Searched minimum tested material (classification system and classification symbols) IPK 7 CO4B A61L A61K CO1B		
Searched publications that did not belong to minimum tested material, if they fall into the searched areas		
Electronic databases consulted during the international search (name of database and any searches used) EPO-International, WPI Data, INSPEC, COMPENDEX		
C. PUBLICATIONS CONSIDERED TO BE SIGNIFICANT		
Category	Description of publication to the extent required, with pertinent portions	Claim number
A	EP 1 291 932 A (KONISHIROKU PHOTO IND) March 12, 2003 (2003-03-12) The entire document	1
A	MALENFANT PATRICK R L ET AL: "N-type organic thin-film transistor with high field-effect mobility based on a N,N'-dialkyl-3,4,9,10 -perylene tetracarboxylic diimide derivative" APPLIED PHYSICS LETTERS, AMERICAN INSTITUTE OF PHYSICS, Vol. 80, No. 14, April 8, 2002 (2002-04-08), Pages 2517-2519, XP 012030509 NEW YORK, US ISSN: 0003-6951 Figure 1	1

☒ FURTHER PUBLICATIONS ARE IN THE CONTINUATION OF FIELD C.
☐ See Patent Family Appendix

*Special categories of indicated publications: "A" Document that defines the general state of the art but is not considered particularly significant "E" Older document that was published on or after the international application date "L" Document that is suitable to make a priority claim dubious, or through which the publication date of another document named in the search report is to be presented or that is named for a specific reason (as implemented) "O" Document that relates to oral revelation, use, presentation, or other measures "P" Document that was published before the international application date but after the claimed priority date	"T" Subsequent document that was published after the international application date or priority date and does not conflict with the application, but rather is included for understanding of the principle or theory on which the invention is based "X" Document of particular significance; the claimed invention may not be considered to be innovative or a reflection of inventive activity "Y" Document of particular significance; the claimed invention may not be considered to be a reflection of inventive activity if the document is in connection with one or more other documents of this category, and this connection is obvious to a specialist "&" Document that is a member of this Patent Family
Date of the conclusion of the international search DECEMBER 7, 2004	Transmission date of the International Search Report APRIL 25, 2005
Name and mailing address of the International Search Agency European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl Fax (+31-70) 340-3016	Authorized official WOLFBAUER, G

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C. PUBLICATIONS CONSIDERED TO BE SIGNIFICANT (continued)		
Category	Description of publication to the extent required, with pertinent portions	Claim number
A	EP 0 718 877 A (MURATA MANUFACTURING CO) June 26, 1996 (1996-06-26) Figure 2	1
A	US 5 091 288 A (FEWER WILLIAM ET AL) February 25, 1992 (1992-02-25) Figures 1 - 4	1

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IAP9 Rec'd PCT/PTO 03 MAR 2006

INTERNATIONAL SEARCH REPORT

Information on documents that could not be researched (continuation of Item 2 on Page 1)

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1		Claim Number
2		Claim Number
3		Claim Number
Field III		Comments regarding deficient uniformity of the invention (continuation of Item 3, Page 1)
International Patent Research Office has determined that this international application contains several inventions: SEE ENCLOSED SHEET		
1		
2		
3		
4	<u>X</u>	The Applicant has not submitted the necessary additional search fees. The international Search Report is therefore limited to the invention first mentioned in the Claims; this is contained in the following Claims: <u>-1-</u>
Comments regarding objections	The additional fees were submitted by the Applicant with objection	
	Submission of additional search fees occurred without objection	

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Additional Information PCT/ISA/ 210

The International Search Office has determined that this International Application contains several (groups of) inventions, namely:

1. Claim 1: Method to produce an electronic component characterized in that a photo lacquer is textured, its overhanging edges are cut at an oblique angle, and subsequently an insulator is mounted exclusively in these oblique areas.
2. Claims 2-4: Method to produce an electronic component characterized in that a photo lacquer is applied to a metal film and is textured, the metal film is acid-etched, and the area under the photo lacquer is acid-etched to a lesser extent. After another metal film is deposited, the photo lacquer (including the metal film adhering to it) is detached.